between the data and pilot signals based at least in part upon said data rate at which said data signal is received over the third channel.

30. The mobile terminal of claim **29**, wherein said base transceiver site determines the SNR of the data signal based at least upon the measured SNR of the rate indicator signal and the first and second energy-per-chip ratios.

31. A computer readable media embodying comprising:

instructions for causing a receiver to receive a first signal over a first channel and a second signal over a second channel, said second signal received at a different signal power level than said first signal; and

instructions for causing a determination of the SNR of the first signal based upon a measured SNR of the second signal.

32. The method of claim **31**, wherein said instructions for causing a receiver to receive a first signal over a first channel and a second signal over a second channel further comprises:

instructions for causing the receiver to receive least a pilot signal over a first channel and a rate indicator signal over a second channel, said rate indicator signal indicating a data rate at which a data signal is received over a third channel.

33. The method of claim **32**, wherein said data signal is received over the third channel at a higher signal power level than said rate indicator signal and said pilot signal.

34. The method of claim **32**, further comprising:

instructions for causing a determination of a first energy-per-chip ratio between the rate indicator and pilot signals based at least in part upon said data rate at which said data signal is received over said third channel.

35. The method of claim **34**, wherein said instructions for causing a determination of the SNR of the first signal further comprises:

instructions for causing a determination of the SNR of the pilot signal based on the measured SNR of the rate indicator signal and the first energy-per-chip ratio between the rate indicator and pilot signals.

36. The method of claim **34**, further comprising:

instructions for causing a determination of a second energy-per-chip ratio between the data and pilot signals based at least in part upon said data rate at which said data signal is received over the third channel.

37. The method of claim **36**, further comprising:

instructions for causing a determination of the SNR of the data signal based at least upon the measured SNR of the rate indicator signal and the first and second energy-per-chip ratios.

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